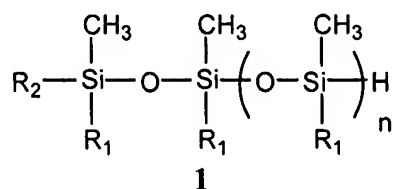


CLAIM AMENDMENTS

1. (Original) A process for preparing an α , ω -functional siloxane compound in a purity of greater than or equal to 90%, said process comprising contacting a monohydrosiloxane compound of formula 1

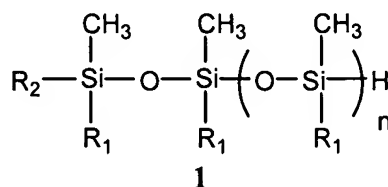


with oxygen in the presence of a platinum group catalyst, without adding water, to form the α , ω -functional siloxane compound in a purity of greater than or equal to 90%; wherein n is 0, 1, or 2;

R_1 is fluoroethyl, methyl or phenyl; and

R_2 is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

2. (Original) A process for preparing an α , ω -functional siloxane compound in a purity of greater than or equal to 90%, said process consisting essentially of contacting a monohydrosiloxane compound of formula 1

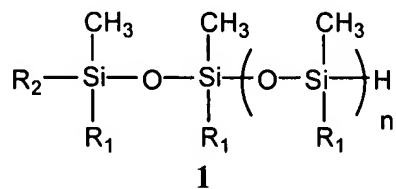


with oxygen in the presence of a platinum group catalyst, without adding water, to form the α , ω -functional siloxane compound in a purity of greater than or equal to 90%; wherein n is 0, 1, or 2;

R_1 is fluoroethyl, methyl or phenyl; and

R_2 is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

3. (Original) A process for preparing an α, ω -functional siloxane compound in a purity of greater than or equal to 90%, said process consisting of contacting a monohydrosiloxane compound of formula 1



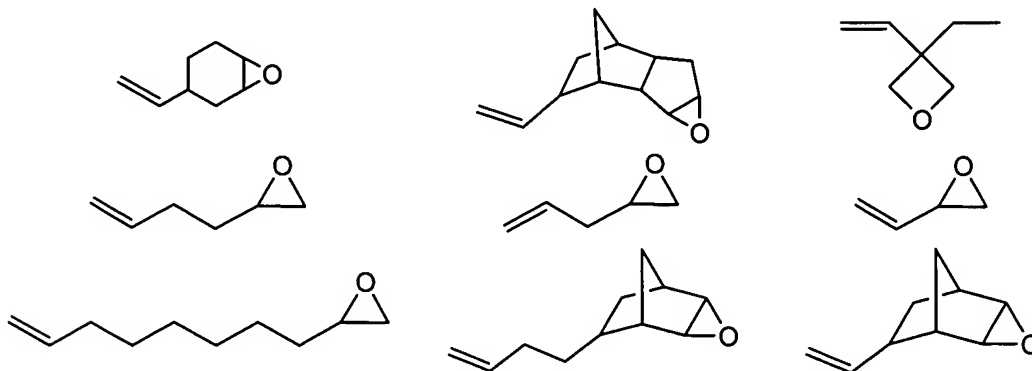
with oxygen in the presence of a platinum group catalyst, without adding water, to form the α, ω -functional siloxane compound in a purity of greater than or equal to 90%;

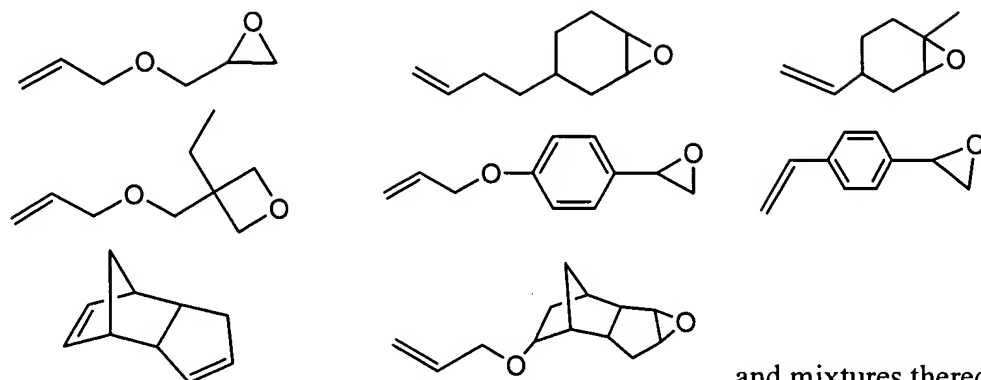
wherein n is 0, 1, or 2;

R_1 is fluoroethyl, methyl or phenyl; and

R_2 is substituted alkyl, epoxyalkyl, oxetanylalkyl, substituted oxaalkyl, epoxyoxaalkyl, oxetanyloxaalkyl, alkenyl, alkylalkoxysilyl, substituted alkylaryl, and substituted arylalkyl.

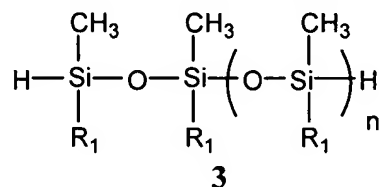
4. (Original) A process according to claim 1, wherein R_2 is a residue derived from a vinyl or allyl compound selected from





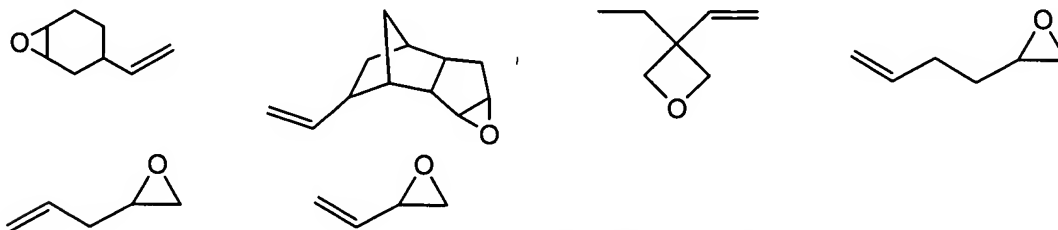
and mixtures thereof.

5. (Original) A process according to claim 1, wherein the monohydrosiloxane compound is formed by combining the platinum group catalyst, a vinyl or allyl precursor for R₂ and a dihydrosiloxane compound of formula 3, having a purity of greater than or equal to 90%



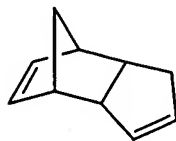
wherein R₁ is fluoroethyl, methyl or phenyl.

6. (Original) A process according to claim 1, wherein the dihydrosiloxane compound and the vinyl or allyl compound are present in a 1:1 ratio on a molar basis.
7. (Currently Amended) A process according to ~~any of the above claims~~ claim 1, wherein R₂ is derivable from a vinyl or allyl compound selected from the group consisting of

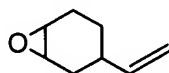


and mixtures thereof.

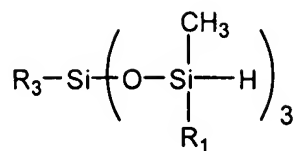
8. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein the vinyl compound is



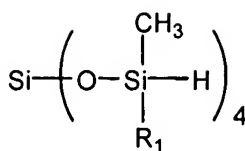
9. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], additionally comprising epoxidizing the α , ω -functional siloxane to form an α , ω -epoxysiloxane.
10. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein R₂ is derived from



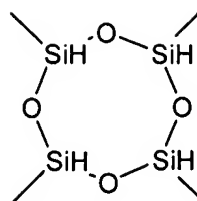
11. (Currently Amended) A process according to ~~any of the above claims~~ claim 1, wherein R¹ is methyl.
12. (Currently Amended) A process according to ~~any of the above claims~~ claim 1, wherein n is 0.
13. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein n is 1.
14. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein n is 2.
15. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-4]], wherein the platinum group catalyst is a rhodium compound.
16. (Currently Amended) A process according to ~~any of claims~~ claim 1 [[-12]], wherein the metal catalyst is (Ph₃P)₃RhCl.
17. (Original) A process for preparing a cationically photopolymerizable siloxane oligomer, said process comprising
- a. combining a platinum group catalyst, a hydrosiloxane compound selected from



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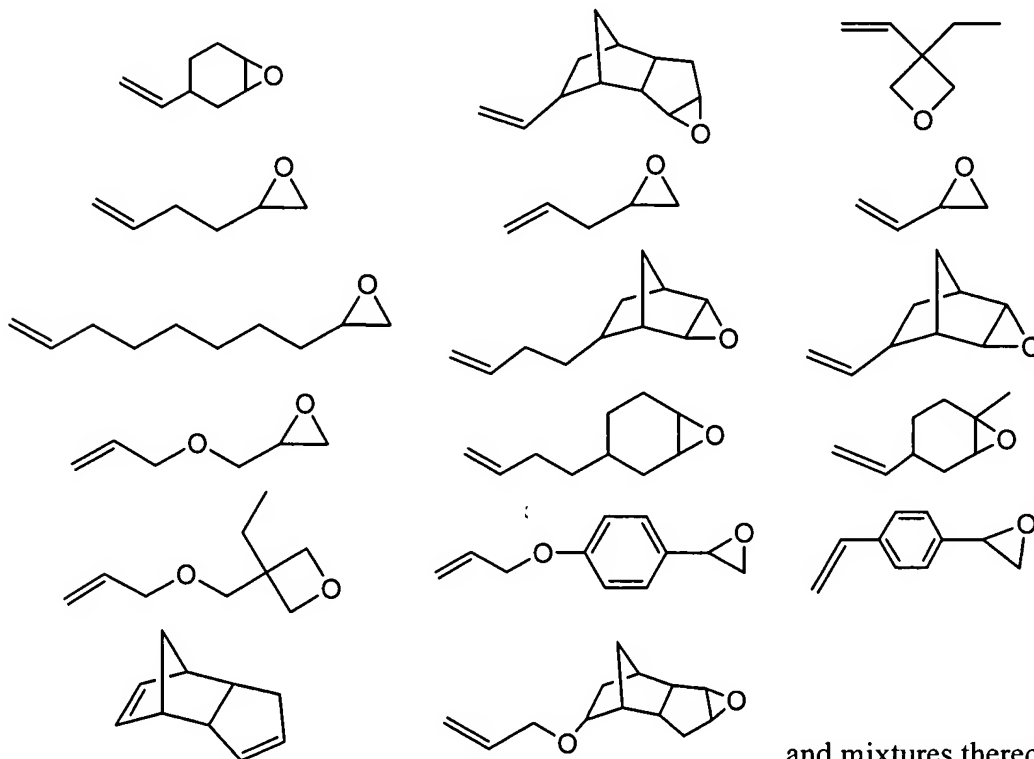
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and a vinyl or allyl compound comprising cationically photopolymerizable functionality; and

- b. contacting the product with oxygen in the presence of the catalyst to form the cationically photopolymerizable multifunctional siloxane oligomer;

wherein R_1 and R_3 are independently fluoroethyl, methyl or phenyl.

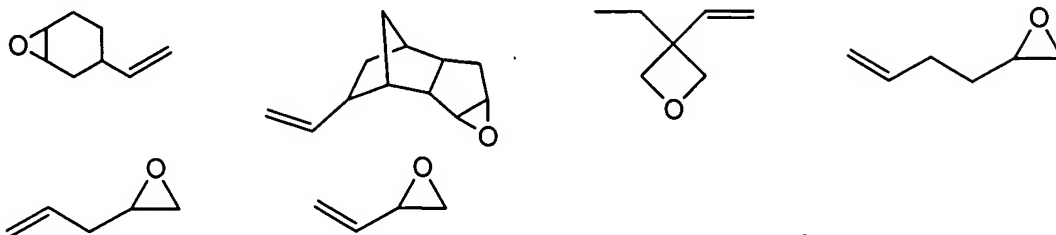
18. (Original) A process according to claim 15, wherein the vinyl or allyl compound is selected from



and mixtures thereof.

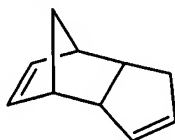
19. (Original) A process according to claim 15, wherein the vinyl or allyl compound is

selected from the group consisting of



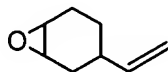
and mixtures thereof.

20. (Original) A process according to claim 15, wherein the vinyl compound is



21. (Original) A process according to claim 18, additionally comprising epoxidizing the α , ω -functional siloxane to form an α , ω -epoxysiloxane.

22. (Original) A process according to claim 15, wherein the vinyl or allyl compound is



23. (Currently Amended) A process according to ~~any of claims~~ claim 15[[-17]], wherein R^1 and R_3 are methyl.
24. (Currently Amended) A process according to ~~any of claims~~ claim 15[[-17]], wherein the platinum group catalyst is a rhodium compound.
25. (Currently Amended) A process according to ~~any of claims~~ claim 15[[-21]], wherein the metal catalyst is $(Ph_3P)_3RhCl$.